



Pattern Book on Inclusive Housing Design

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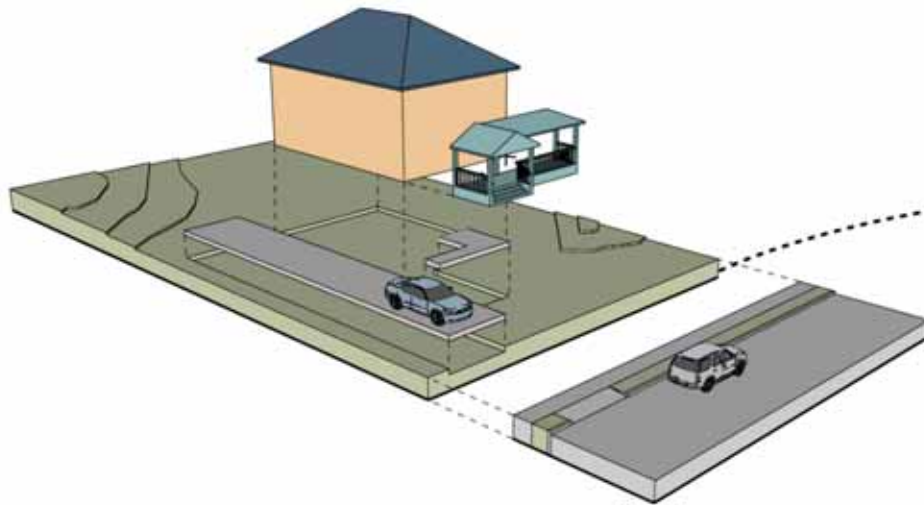


Section 1: Purpose and Scope





Section 2: How To Use This Book



Components

Lot Length Available (L)	16'	20'	24'	28'	32'	36'	40' +
	(192")	(240")	(288")	(336")	(384")	(432")	(480")+
For 2 Even Ramp Sections							
x max	6'	10'	14'	18'	22'	26'	30'
	(72")	(120")	(168")	(216")	(264")	(312")	(360")
y max	6"	10"	1'-2"	1'-8"	1'-10"	2'-2"	2'-6"
	(6")	(10")	(14")	(18")	(22")	(26")	(30")
h max	1'	1'-8"	2'-4"	3'	3'-8"	4'-4"	5'
	(12")	(20")	(28")	(36")	(44")	(52")	(60")
If Stairs Are Between Ramp Sections							
z min	2'	2'-8"	3'-4"	4'-2"	5'	5'-10"	6'-8"
	(24")	(32")	(40")	(50")	(60")	(70")	(80")
f	8'	8'-8"	9'-4"	10'-2"	11'	11'-10"	12'-8"
	(96")	(104")	(112")	(122")	(132")	(142")	(152")

Possible Component dimensions

Section 3: Livability and Access



No-step front entry



No-step front entry

Visitability Conditions

- One no-step entry
- Halls & doorways must have at least a 32" wide clear opening
- Basic access to at least a half bath on the main floor
- Reinforced walls in water closets
- Locate light switches and electrical outlets within comfortable reach



Section 4: Neighborly House





Section 5: Neighborhood Patterns



Section 6: Block Components

Intersections

Intersections are important block components for accessible design. If not properly designed, they can be hazardous and inconvenient.

Intersection with no median

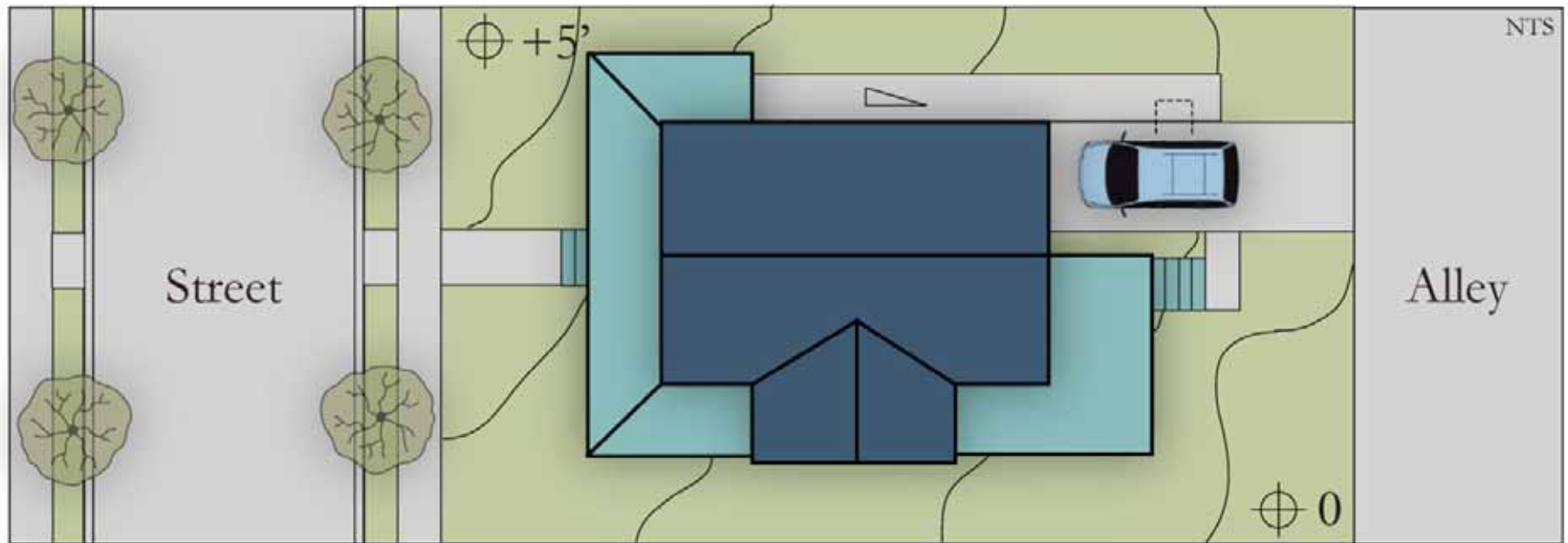
Intersection with discontinued cross street

Intersection with median strip on one street.

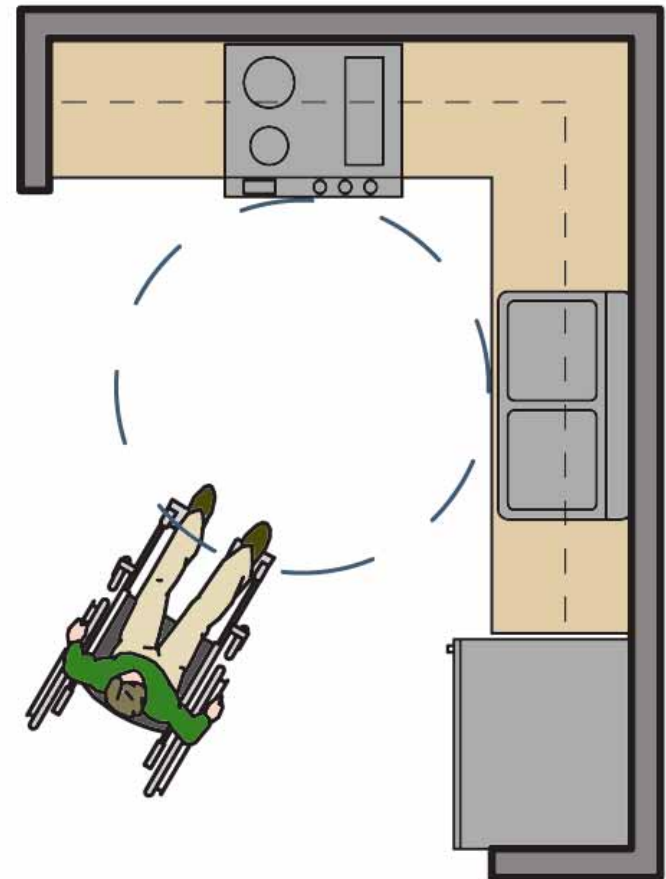
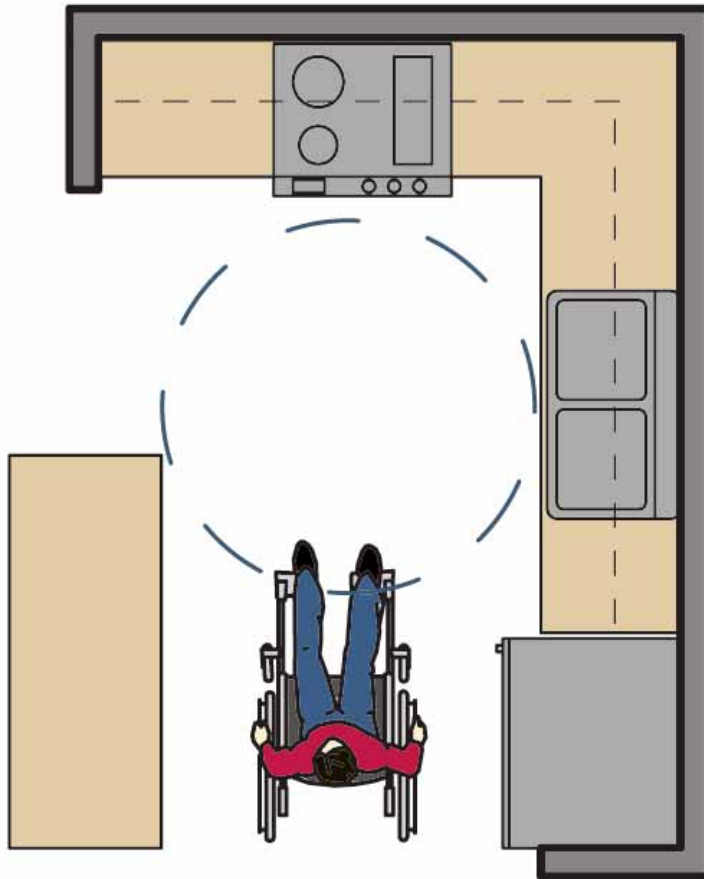




Section 7: Lot Components



Section 8: House Components





Section 9: Architectural Applications Prototype Plans



Front Elevation



First Floor Plan



Section 9: Architectural Applications Case Studies



Mueller



Section 9: Architectural Applications



Mueller



Section 9: Architectural Applications



Mueller



Section 9: Architectural Applications



Austin East Side



Section 9: Architectural Applications



Austin East Side

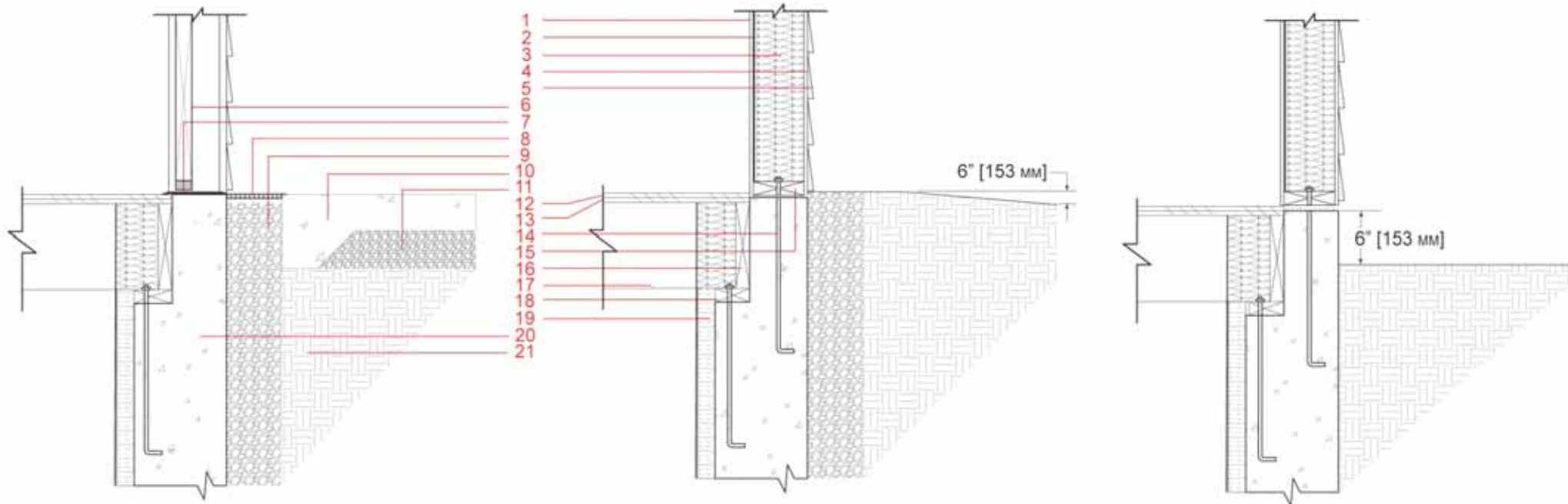


Section 10: Construction Details

SECTION A: ENTRY

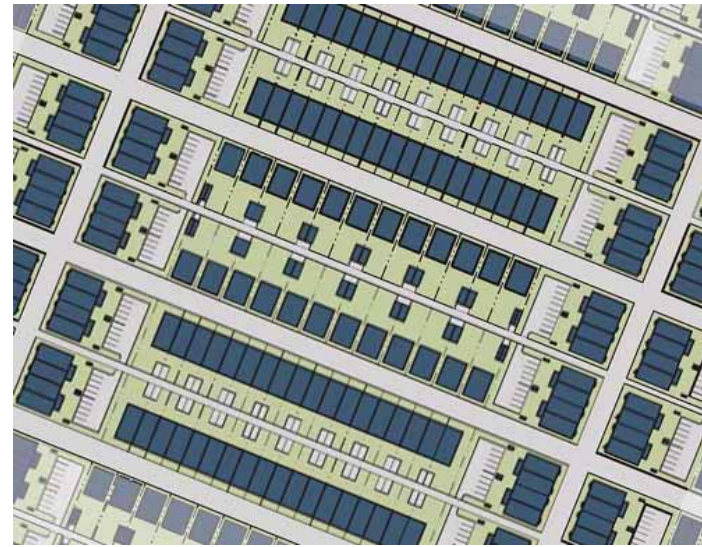
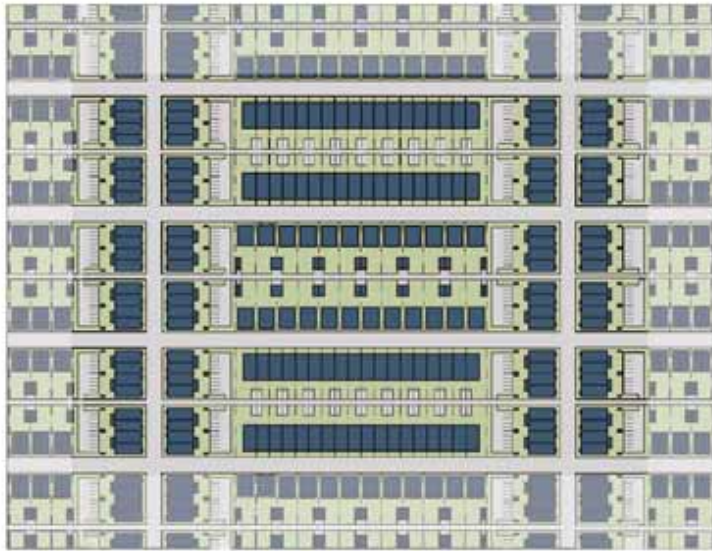
SECTION B: TRANSITION

SECTION C: SITE GRADE





We Need Your Help





We Need Your Help

1. More investment from the NU community:
 - Examples of existing accessible houses
 - Critique designs
 - Critique graphics
2. Should we include suburban housing types?
3. What construction details?
4. Will you critique the designs in detail?
5. Should we add simplified builder tip sheets?
6. What projects should we select for detailed case studies?



Center for Inclusive Design and Environmental Access (IDEA)

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the Built Environment*



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